



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 9

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San Francisco, CA 94105-3901

SFUND RECORDS CTR
47615

March 17, 1998

MEMORANDUM

SUBJECT: Request for Technical Support
Analytical Methods for Perchlorate at Superfund Sites

FROM: Kevin P. Mayer, SFD-7-2 *KPM* (Perchlorate Coordination)
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TO: Ken Brown, Director, TSC

THRU: Sean Hogan, SFD-8-B

The "Interim Technical Report on Methods and Quality Assurance for the Analysis of Perchlorate in Water" (USEPA-NERL, Las Vegas, November 12, 1997) made recommendations for additional studies to investigate the reliability, variability and potential interferences of the current low-concentration analytical method for perchlorate. We request technical support from NERL to conduct the recommended studies to ensure the reliability of current and future perchlorate analyses of samples from the sites listed above (as well as other sites where perchlorate has not yet been confirmed).

The recommended studies of most critical interest are the sample holding time and sample container studies, the study of the effect of sample conductivity, and the inter-laboratory performance evaluation. We understand that there is potential collaboration with the Air Force research laboratories and with the Perchlorate Steering Committee as well as with the laboratories and agencies who may participate in an inter-lab study.